

Amendments to the Specification:

Please amend paragraph 1 on pages 7 as follows:

-- At a block 206, atmosphere correction of each of the images is performed. ~~Atmosphere correction is performed by first performing a cloud cover assessment such as that described in co-pending and co-owned U.S. Patent Application Ser. No. 10/019,459, filed December 26, 2001, attorney docket no. BOEI 1-1037, which is hereby incorporated by reference.~~ At a block 210, pixel or data values that are radiometrically stable according to the list of anchor points are selected or extracted. At a block 212, the extracted radiometric stable data values of the higher resolution images are aggregated in order to match the lowest resolution image or the image that the higher resolution image is being compared to. For example, if a LANDSAT image is at 30 meter resolution and a MODIS image is at 250 meters resolution, then all the data values in the LANDSAT image that correspond to the location of the data value from the MODIS image that corresponds to the extracted stable data value (at a control point) are combined or aggregated to form a single data value. --

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